

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

P 31773

A 31617

APPROVED 12/29/81
JS/CW

ELLICOTT CITY

DISTRICT 5th.

DATE 12/28/81

INDEXED

Olen Ketterman IS PERMITTED TO INSTALL X ALTER

ADDRESS 14960 Frederick Road, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION _____ ROAD 6650 Haviland Mill Road LOT _____

PROPERTY OWNER Thomas O Nichols, Jr.

ADDRESS 5804 Rossmore Drive, Bethesda, Md. 20814

SPECIFICATIONS 4 bedrooms Studio/garage and main house

SEPTIC TANK CAPACITY 1500 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN
FACING LOT FROM

TRENCH SYSTEM TO CONTAIN 600 SQ. FT. SIDEWALL AREA BELOW INLET. Trench inlet to be 3 ft. below original grade. Trench bottom to be 8 ft. below original grade and filled with 5 ft. of stone. Place the trench at perchole 3. Run the trench toward perc hole 2. Surveyer to submit plans showing perc hole locations. NOTE: 2000 gal septic tank and 735 sq. ft. side-wall area required if garbage grinder is use. MUST USE DISTRIBUTION BOX TO CONNECT TRENCHES TO SEPTIC TANK.

PLANS APPROVED BY Hodges/Skinner DATE 10/20/81

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

A 81617

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31617
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

✓ DISTRICT 5th
✓ DATE Sept 21, 1981

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

✓ PROPERTY OWNER Thomas O. Nichols Jr & Taki C. Nichols

✓ ADDRESS 5804 Rossmore Dr Bethesda, Md 20814 PHONE hm 301-530-9099
off 703-938-4000 x250

PROPERTY LOCATION:

✓ SUBDIVISION _____ LOT NO. _____

✓ ROAD AND DESCRIPTION 6650 Haviland Mill Rd (Off Brighton Dam Rd)

✓ SIZE OF LOT 4.6 + acres ✓ TYPE BLDG. 4 br ranch home

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER

ANY CIRCUMSTANCES.

✓ SIGNATURE OF APPLICANT Thomas O. Nichols Jr, Taki C. Nichols

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

BACK 300.91

0 = USE FOR INTAL SYSTEM

⊙ = HOLE FAILED

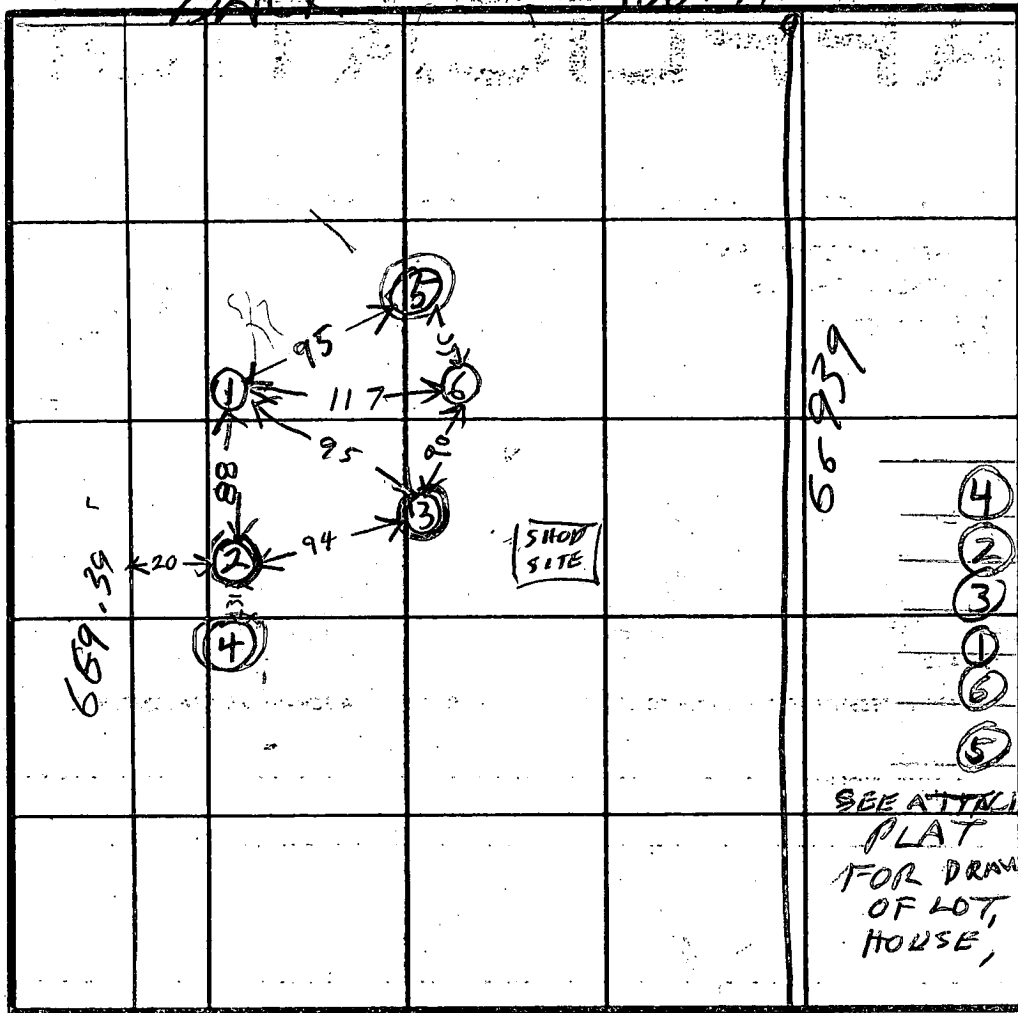
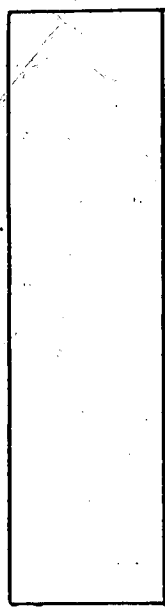
○ = HOLE PASSED

HOLE ELEVATIONS

- ④ HIGHEST
- ② NEXT HIGH
- ③ " " "
- ① LOW LOW
- ⑥ LOW
- ⑤ LOWEST OF LOW

SEE ATTACHED PLAT FOR DRAWING OF LOT, HOUSE, HOLES

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/29/81	1 S	4	1028	1100	1035	1040	4
	1 D	7 1/2	1029	1036	1035	1040	
	1 V	12	TOP 4 FT	CLAY			
			BOT 7 FT	SANDY			
	2 S	4	1028	1033	1023	1037	4
	2 D	7 1/2	1028	1031	1031	1037	6
	2 V	12	ALL SANDY				
	3 S	4	1046	1047	1047	1050	3
	3 D	8	1046	1050	1050	1100	10
	3 V	12 1/2	ALL SANDY				
	4 V	10	ALL SANDY				
			BOT ROCK		BOT SAND		
	5 V	8 1/2	TOP 6 FT	CLAY			
			BOT 2 1/2 FT	SANDY			
	6 S	4 1/2	1138	1139	1139	1140	1
	6 D	8	1138	1144	1144	1156	12
	6 V	12	ALL SANDY				
9/29/81	1 M	5	1147	1150	1150	1202	⊙

REMARKS

TYPE OF SOIL

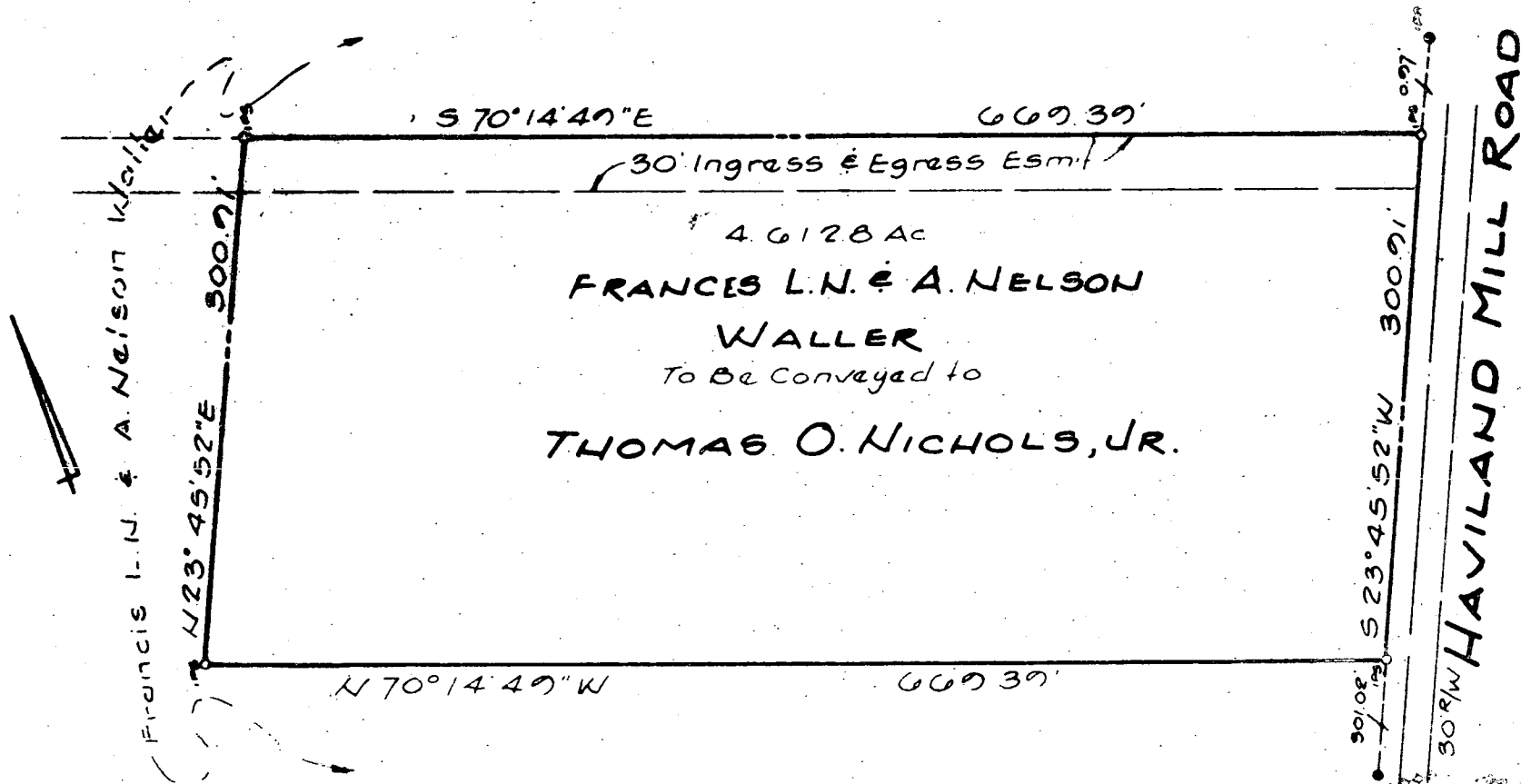
TESTED BY

R. HODGES

ALSO PRESENT

JOHN KOEHLER BUILDER
LYNN JOHNSON BUILDER

HSIRK SON

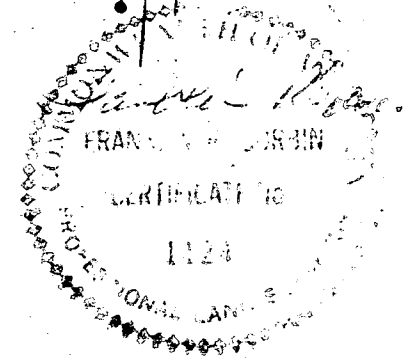


4.6128 AC
FRANCIS L.N. & A. NELSON WALLER
 To Be Conveyed to
THOMAS O. NICHOLS, JR.

PLAT OF SURVEY
 SHOWING 4.6128 AC. OF LAND OF
FRANCIS L.N. & A. NELSON WALLER
 TO BE CONVEYED TO
THOMAS O. NICHOLS, JR.

FIFTH MAG. DIST. HOWARD CO. MD.
 SCALE: 1"=100' APRIL 11, 1979

CORBIN SURVEYS, INC.
 SURVEYOR LAND PLANNER
 FREDERICKSBURG, VIRGINIA



Certified Correct Franklin R. Corbin
 FRANKLIN R. CORBIN
 MARYLAND CERTIFICATE
 NO. 1124

MS. Lynn Johnson
6406 Maiden Lane
Bethesda, Md. 20817

Sample drawing
& hole location

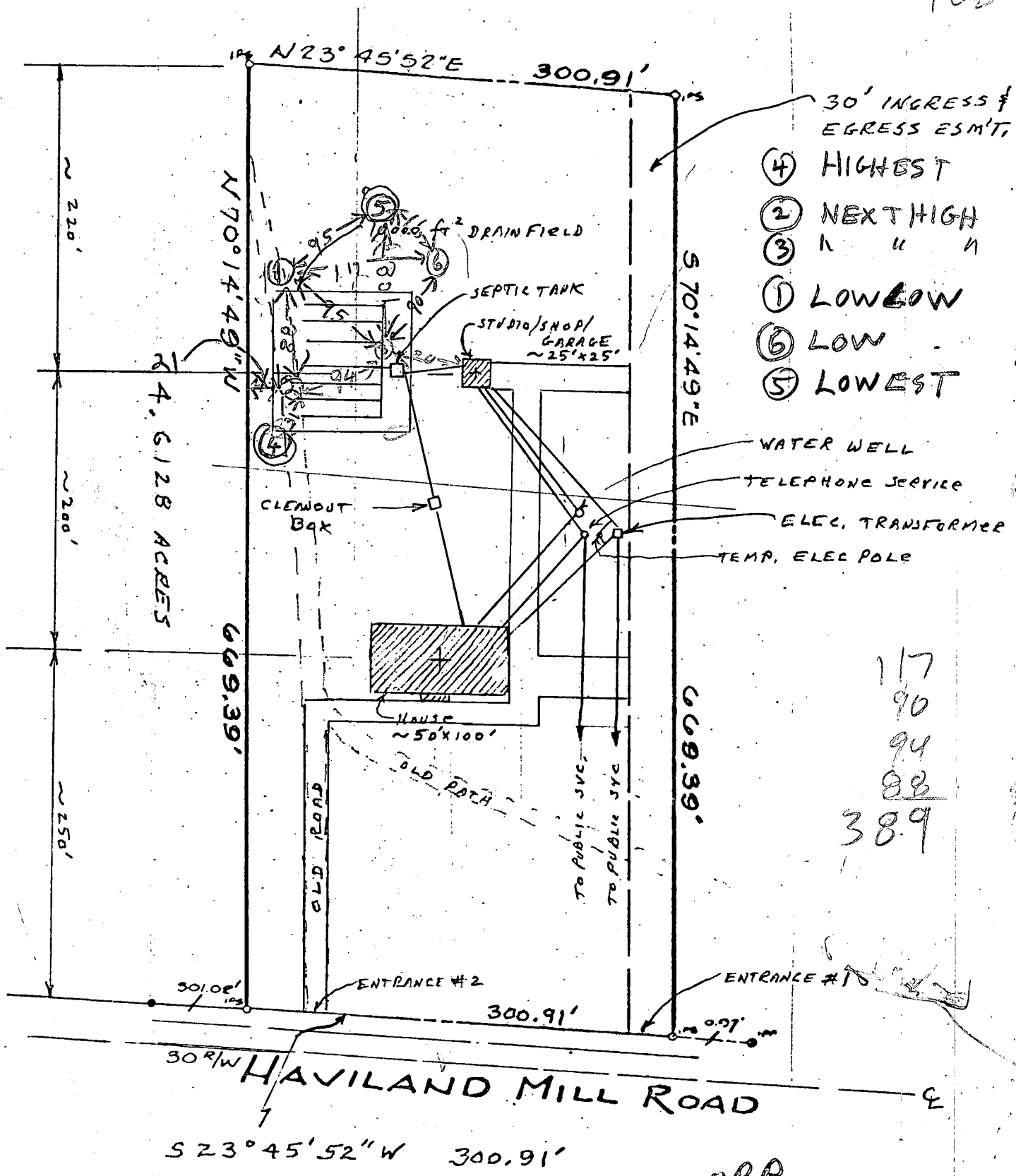
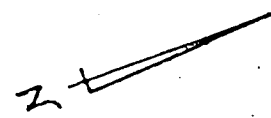
OWNER: DONALD O. NICHOLS
TOKI C. NICHOLS

GENERAL (PRELIMINARY) PLOT PLAN
1 SEPT 81 T.M.

ATTACHMENT 'A'

108

92
16
8



- 30' INGRESS & EGRESS ESMT.
- ④ HIGHEST
 - ② NEXT HIGH
 - ③ " " "
 - ① LOW LOW
 - ⑥ LOW
 - ⑤ LOWEST

- WATER WELL
- TELEPHONE SERVICE
- ELEC. TRANSFORMER
- TEMP. ELEC POLE

117
90
94
88
38.9

93
5

64.6128 ACRES

9BR.

1" = 100'

B 1 11855 SEQUENCE NO. WRA USE ONLY
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
HO-73-4015

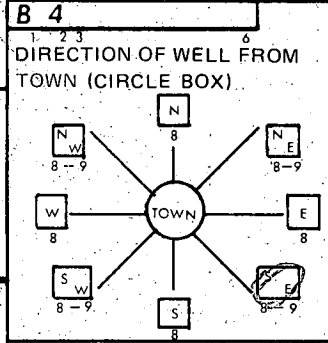
please print or type

fill in this form completely

DATE RECEIVED 10/21/81
8 (WRA USE ONLY) 13
OWNER INFORMATION
LAST NAME OWNER FIRST NAME
5804 Rossmore Dr.
Bethesda Md. 20814
TOWN 57 STATE 76 ZIP

B 3 LOCATION OF WELL
1 2 3
COUNTY Howard
SUBDIVISION
SECTION 44 LOT 48
NEAREST TOWN Brighton
MILES FROM TOWN (enter 0 if in town) 3

B 1 CONTINUED DRILLER INFORMATION
DRILLER'S NAME Joseph L. Mayne 238
77 LICENSE NO. 80
SIGNATURE Joseph L. Mayne DATE 10/18/81



B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD Haviland Mill Rd.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH NORTH
375
DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX)

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750

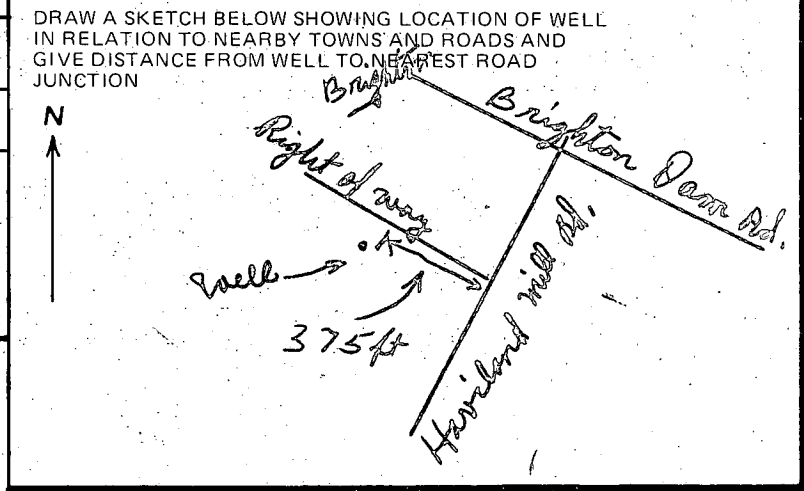
SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX
WRITE THE BOX NUMBER FROM THE MAP HERE
800
490
55' casing
2' above gr.
50' open
11' bag cement
10/9/81 JS

USE FOR WATER (CIRCLE APPROPRIATE BOX)
D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET
APPROXIMATE DIAMETER OF WELL 6 INCH

Method of Drilling (circle one)
BORED (OR AUGERED) JETTED JETTED & DRIVEN
AIR ROTARY AIR PERCUSSION ROTARY (HYDRAULIC)
CABLE REVERSE ROTARY DRIVE POINT ROTARY
other

REPLACEMENT OR DEEPEMED WELLS (Circle Appropriate Box)
N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52



Not to be filled in by driller (WRA USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE INITIALS CONDITIONS HO-73-4015
WRITE INITIALS IN BOX

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL.
HOWARD COUNTY NAME A 31617 COUNTY NO.
EHA SIGNATURE STATE HEALTH CIRCLE BOX
MO DAY YR 100581 Frank Shinn 10/5/81
NORTH 493 EAST 0802 ELEV. (FT.)
GRID 50 55 GRID 57 63 65 68

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

WATER & SEWAGE PLAN

PERC. TEST DATA (29 SEP 81)

WELL NO.	ELEV. TEST
1	469'
2	473'
3	475' - DRYWELL LOCATION (EXIST. ELEV.)
4	473' (F)
5	470' (F)
6	472'

PROPOSED SEPTIC TANK

EXISTING ELEV. 477'

INCOMING:

HOUSE INV. ELEV. 474'

GARAGE INV. ELEV. 474'

OUTGOING:

INV. ELEV. 473'

PROPOSED DRYWELL

EXISTING ELEV. 475'

INCOMING:

INV. ELEV. 472' +

OUTGOING:

INV. ELEV. 472'

DRYWELL SPEC.

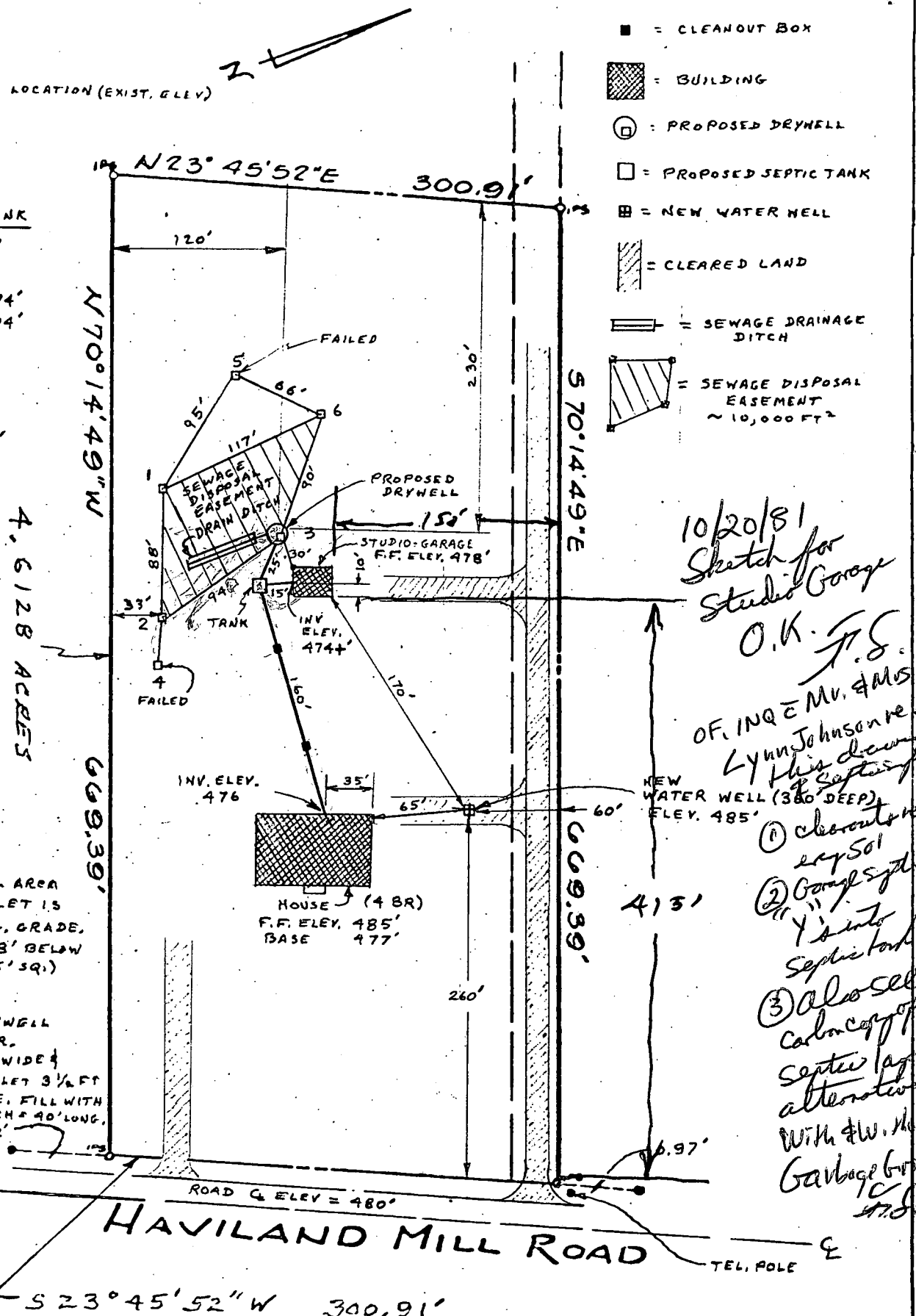
480 SQ FT SIDEWALL AREA
BELOW INLET, INLET IS
3 FT. BELOW ORIG. GRADE.
DRYWELL BOTTOM 8' BELOW
ORIG. GRADE, (15' SQ.)

DRAIN DITCH SPEC.

RUN DITCH OFF DRYWELL
5 FT. EARTH BUFFER.
DITCH TO BE 2 FT. WIDE &
8 FT. DEEP WITH INLET 3 1/2 FT
BELOW ORIG. GRADE. FILL WITH
4 1/2 FT. STONE. DITCH 40' LONG.
301.02'

LEGEND

- = PERC. HOLE
- = CLEANOUT BOX
- ▨ = BUILDING
- ⊙ = PROPOSED DRYWELL
- = PROPOSED SEPTIC TANK
- = NEW WATER WELL
- ▨ = CLEARED LAND
- ▬ = SEWAGE DRAINAGE DITCH
- ▨ = SEWAGE DISPOSAL EASEMENT ~ 10,000 FT²



10/20/81
Sketch for
Studio Garage
O.K. J.S.
OF. INQ. M.V. & M.S.
Lynn Johnson re.
This drawing
& Septic tank
① Charon top
dry soil
② Garage Septic
Y into
Septic tank
③ Also see
Carbon copy of
septic layout
alternatives
With W. M. H. J.
Garbage bro.
J.S.

11 OCTOBER 1981

SCALE: 1" = 100'

~ 6680 HAVILAND MILL RD. CLARKSVILLE, MD. 21029

P/O PARCEL